No. 1st and Final

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

AEE/YNK SUB. DN
SBR No: 16/17-18 Date: 17-11-2017

Division: **BBMP / YNK** Date.....2017.

Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. YNK-DBR No. 39 Dated 04.12.17

Divisional Cash Book Voucher No..... Dated.....

Schedule Doc Ref. No.... Head of Account: P-1771 Sub Divisional **Work Code: 002-17-000035.**

Est.Cost: **30.00** Lakhs B.R.No. :

Name of Work : Improvements of roads and drains at Nagenahalli villages in ward no-02 of yelahanka Sub Division.

Name of Contractor and Full Address: **Sri. N Shivakumar, No 96, KHB Colony, Gandhinagara, yelahanka Bangalore – 560064.**

Reference to Agreement No. EE/YNK.D/ E-PMT-08/ **W.O/ 48 /2017-18.** Date: 25-05-2017.

Certified that the measurements were taken by me on 16.9.17 and recorded of Pages 166921 **To** 166931 of measurement Book No. 11570 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 16/9/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub. Divison

Sub Division Officer
Yelahanka, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	1st and final 283010:00
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	2652989:00

ESD = Rs —/
CGST = Rs 28310:00
SCST = Rs 28310:00
IT = Rs 28310:00
LC = Rs 28310:00
CBF = Rs 2831:00
Fine = Rs 480:00
Royalty = Rs 61470:00
S.D. = Rs 178021:00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Stamp

283010:00
(For use in the Office)

Audited & Admitted for Rs. 2652989:00
and Rs. 178021:00

Executive Engineer

sl no	Description of work	Unit
1	Removing B.S. slab of Drain and stacking (P No 25 / I N 5.32)	Sqm
2	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (P.142/I.19.1	Cum
3	Refixing stone slabs of drains and pointing in C.M.(1:3)(P.No.25/I.No.5.33)	Sqm
4	Providing and fixing RCC precast Slabs of 0.10 m thick of CC 1:2.4 with 20 mm and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete	Sqm
5	KSRB 2-1.1 Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)	Cum
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)	Cum
7	KSRB 4-1.7 Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs with 20mm and down size graded granite metal coarse aggregate @ 0.84cum and fine aggregate @ 0.56 cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification No. KBS 4.1,4.2 (P No. 13 / Item No.4.7)	Cum
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to recieve bituminous treatment including cost of all materials, labour, HOM of machineries complete as per Specifications. (P.No.157 & I.No.21.2)	Sqm
9	KSRRB M400-6.1 Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method Close graded granular sub-base material as per 400-1 For Grading- II Material (P No.155 It.No.20.4.2)	Cum
10	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)	Cum
11	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No.502 (P.No.160/It No.21.6)	Sqm
12	KSRRB M500- 15 Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specificaton No 507 (P.No.162&163 It.No.21.17.6)	Cum
13	KSRRB 500-7 Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications (P.No.160 & I.No.21.7)	Sqm
14	KSRRB M500- 15 Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 6% VG 30 grade ,bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications MORTH Specification No.509 (P.No.164 Item No.21.22.6)	Cum
15	KSRRB M800-13. Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications. MORTH specification No. 803, No. 1974 (P.No.181 & I.No.24.15)	Sqm
16	KSRB 4-1.3 Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No.KBS 4.1, 4.2 (P.42/I.4.3)	Cum
17	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lead and lifts etc.,complete (exclusive of cost of steel and fabrication charges.) Page No.18 / Item No. 4.48)	Cum
18	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift (P.177/ I.22.7)	Sqm
19	Providing Groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine generator and HOM of machinery including cost of blade, coolant etc., including cleaning aof groove & providing sand and hot bitumen fillars and filler metal etc.,including cost of conveyance of all materials, labour,lead and lift charges and all the other incidental charges as per drawing and as per specifications, MORTH specification. (P.178/ I.22.8)	Mtr
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous		Present Measurement			Total up-to date		Rem.
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	319.05	60.00	19143.00	319.05	19143.00	
–	–	186.90	70.00	13083.00	186.90	13083.00	
–	–	255.15	70.00	17861.00	255.15	17861.00	
–	–	63.90	2000.00	127800.00	63.90	127800.00	
		636.90	100.00	63690.00	636.90	63690.00	
–	–	823.80	95.00	78261.00	823.80	78261.00	
–	–	6.24	5500.00	34320.00	6.24	34320.00	
–	–	590.12	3.00	1770.00	590.12	1770.00	
–	–	33.21	1600.00	53136.00	33.21	53136.00	
–	–	40.72	1700.00	69224.00	40.72	69224.00	
–	–	221.38	25.00	5535.00	221.38	5535.00	
–	–	16.33	6400.00	104512.00	16.33	104512.00	
–	–	811.50	10.00	8115.00	811.50	8115.00	
–	–	32.46	7270.00	235984.00	32.46	235984.00	
–	–	37.60	400.00	15040.00	37.60	15040.00	
–	–	185.85	5000.00	929250.00	185.85	929250.00	
–	–	154.88	6006.15	930233.00	154.88	930233.00	
–	–	1208.17	90.29	109086.00	1208.17	109086.00	
–	–	149.45	100.15	14967.00	149.45	14967.00	
				2835009		2835009	

2,83,10,10:00

2,83,10,10:00

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore